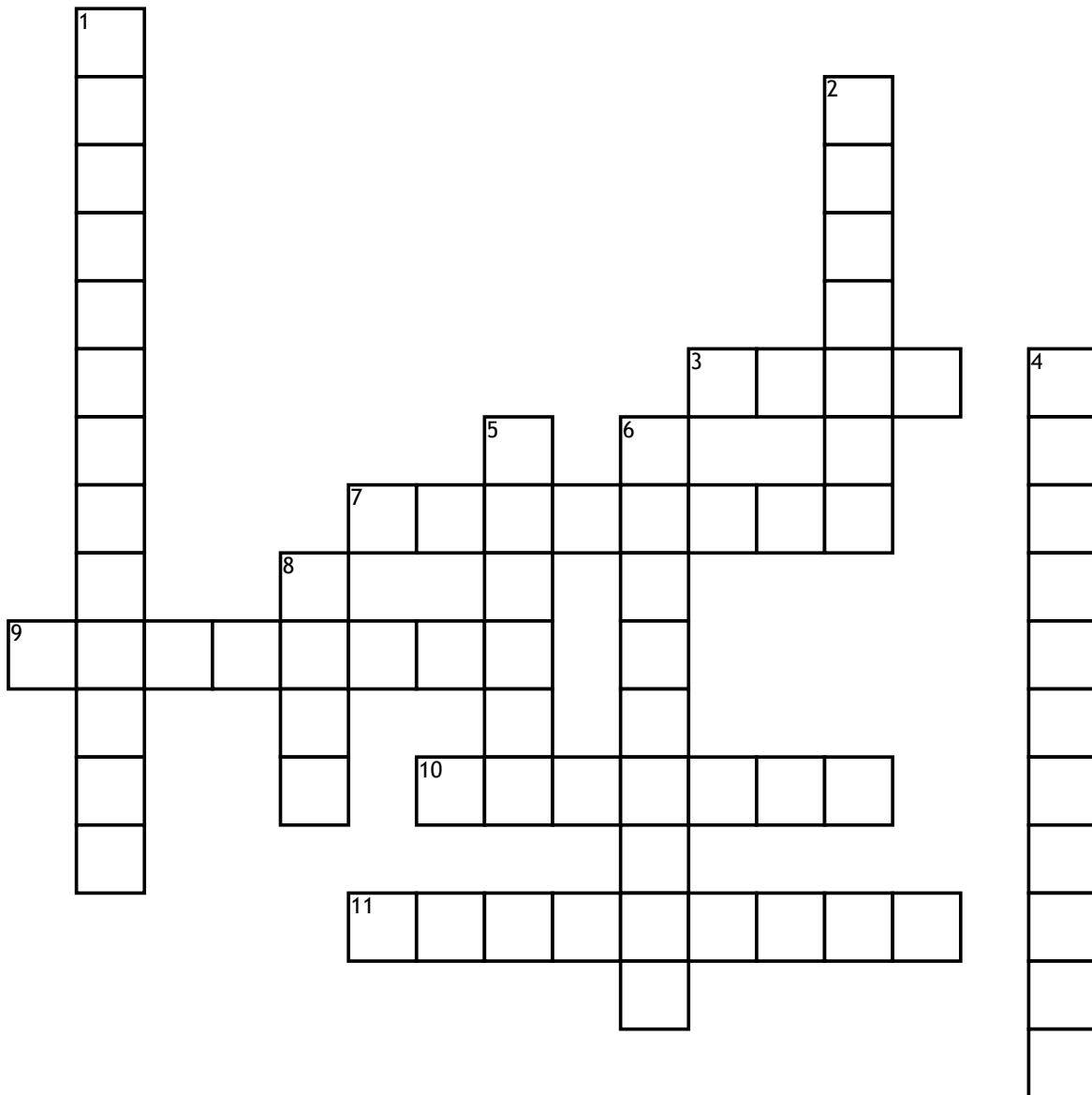


States of Matter



Across

3. Change from liquid to a gas of all the liquid when the temperature reaches boiling point.
7. A very tiny object such as an atom or molecule, too small to be seen with a microscope.
9. Change of state from gas to liquid when the temperature drops to the boiling point.
10. How much matter there is in a particular volume, or how close the particles are
11. Change from liquid to gas at the surface of a liquid, at any temperature.

Down

1. A way to think about how substances behave in terms of small, moving particles.
2. Change from a solid directly into a gas.
4. Caused by collisions of particles with the walls of a container.
5. Change from liquid to a solid when the temperature drops to the melting point
6. The process by which particles in liquids or gases spread out through random movement from a region where there are many particles to one where there are fewer.
8. Change from solid to liquid when the temperature rises to the melting point.